

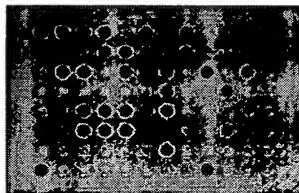
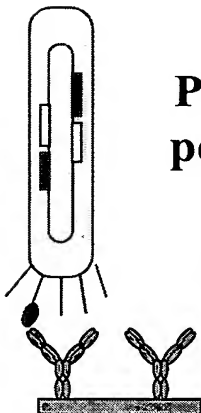
Start with  look for 

Hybridomas from
non-immunized mice

Purified IgG



Pan with phage
peptide libraries



Needed

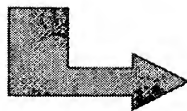
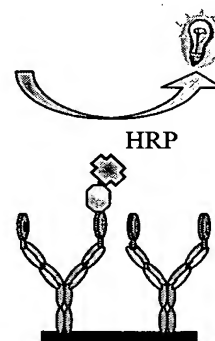
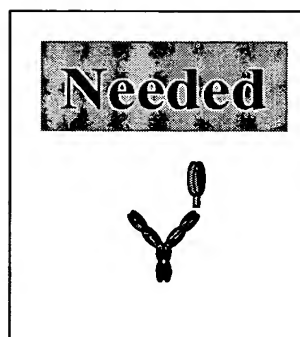


Figure 1A

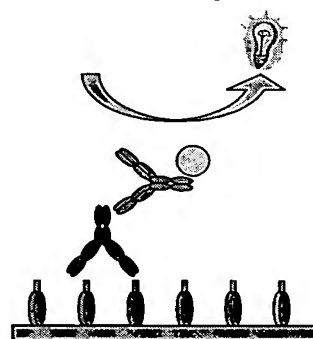
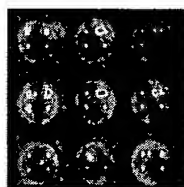
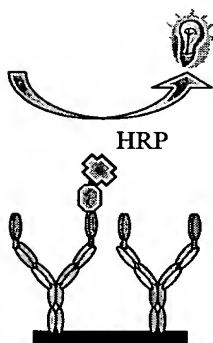


Start with look for 

Immunize mice
with designed tags



Screen with arrayed tags



Functional screen
of tagged
molecule



Figure 1B

Master

F1 42

F2 42

F3 42

$F1_5 / F2_{31} / F3_{16}$

$(42)(42)(42) = 74,088$

Sorting by pools: Decreasing pool diversities

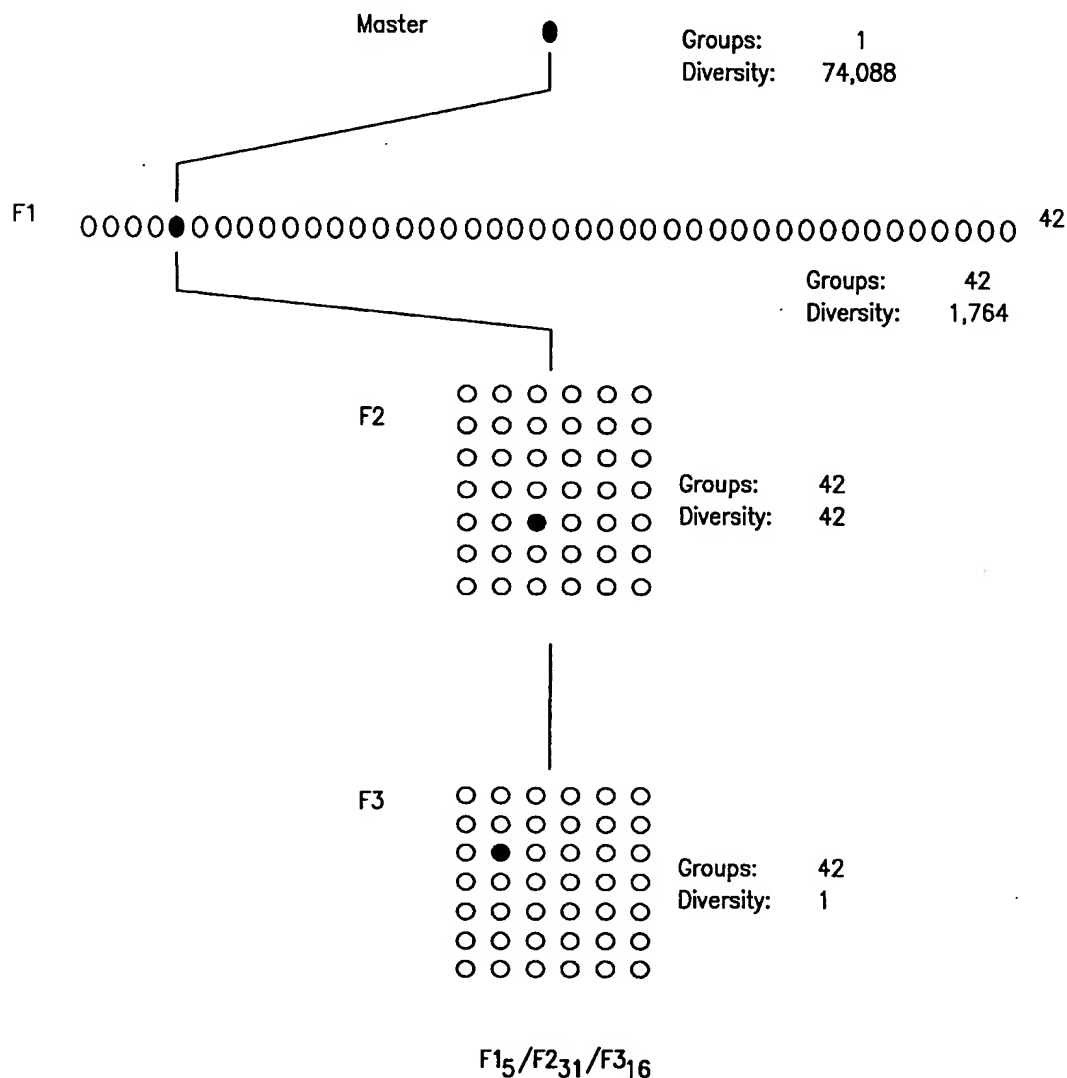


Figure 3

Sorting by pools: Screening large diversity libraries

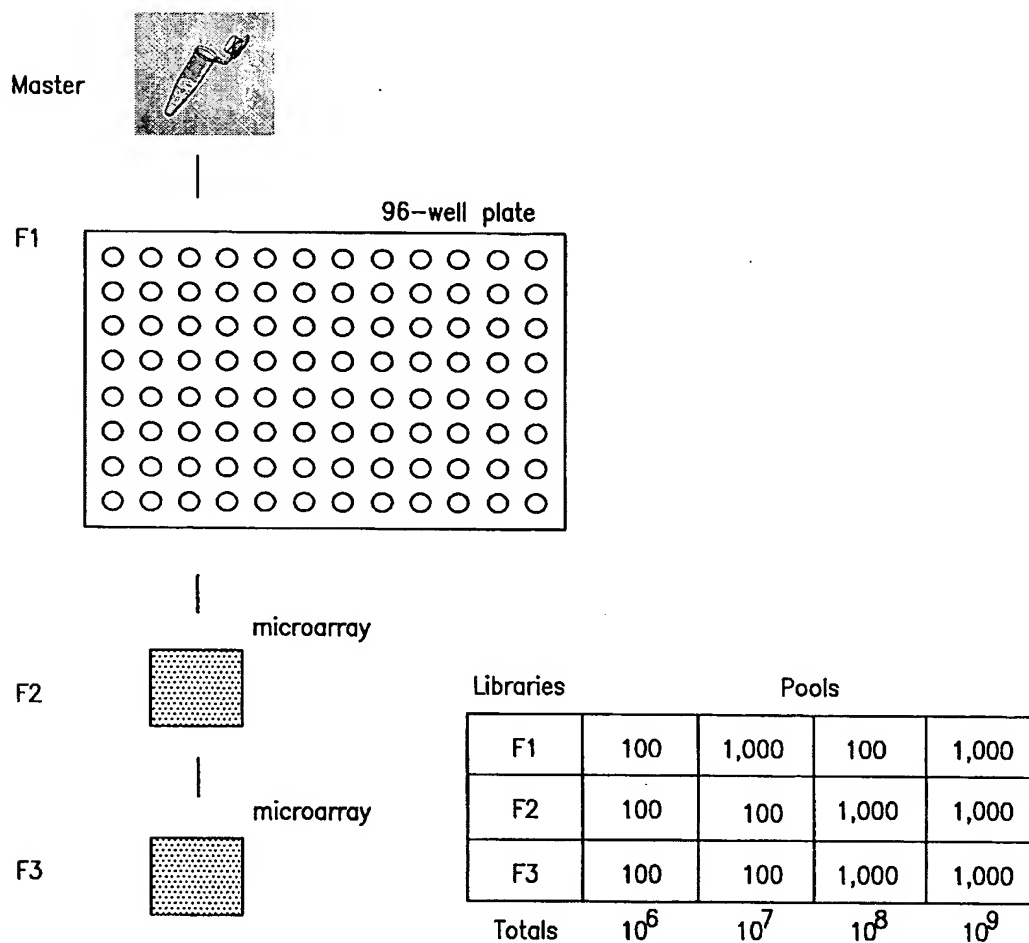
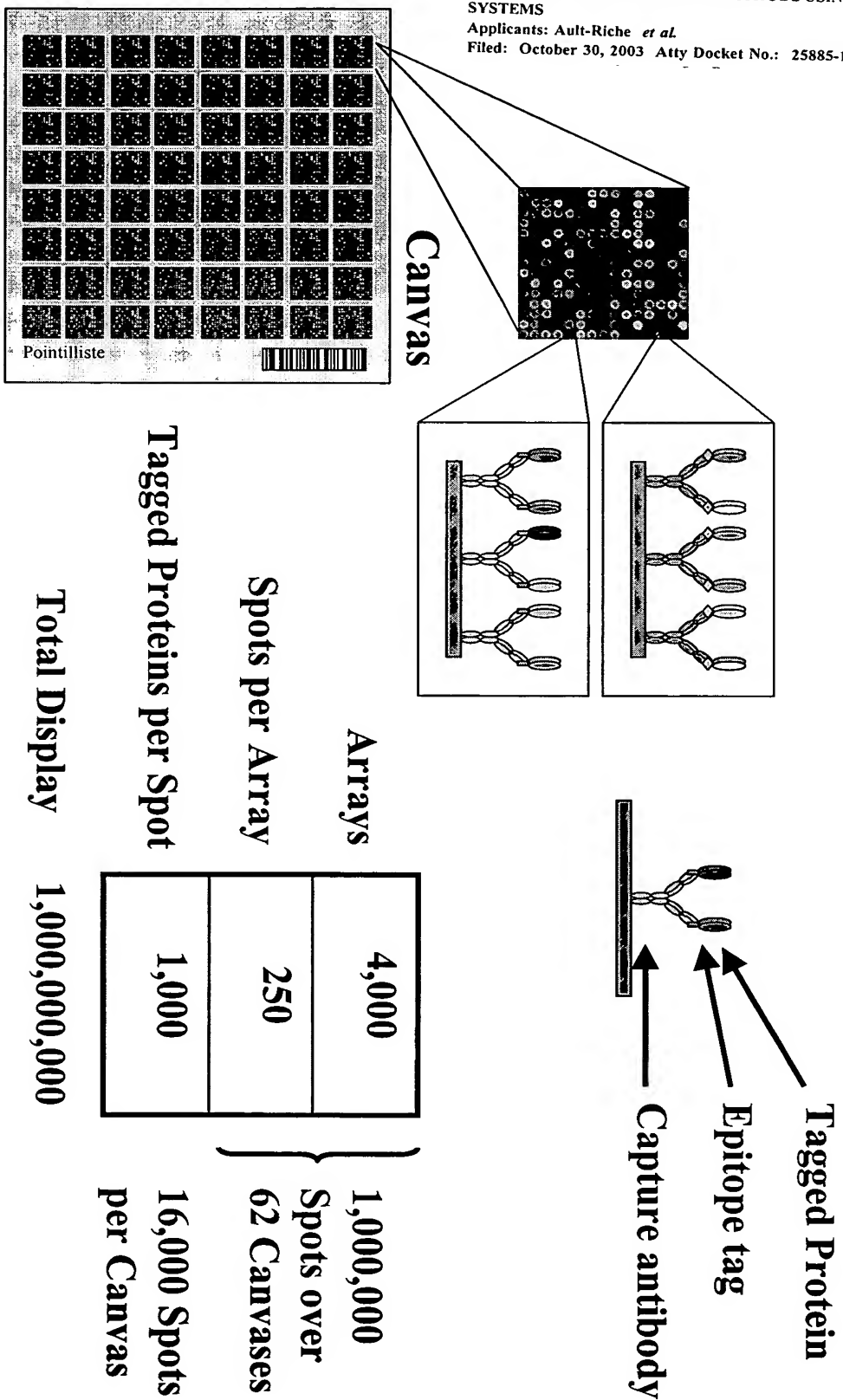
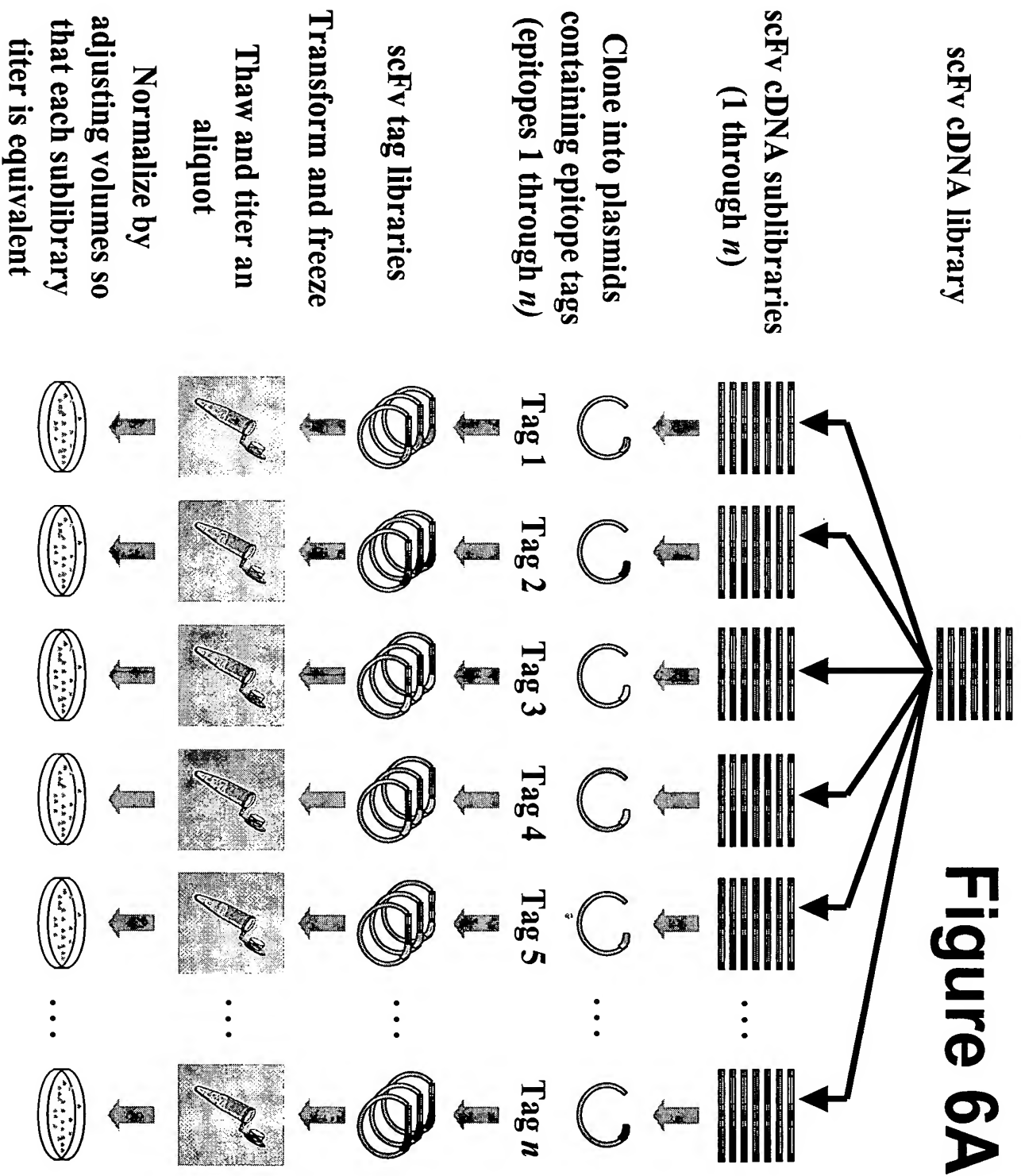
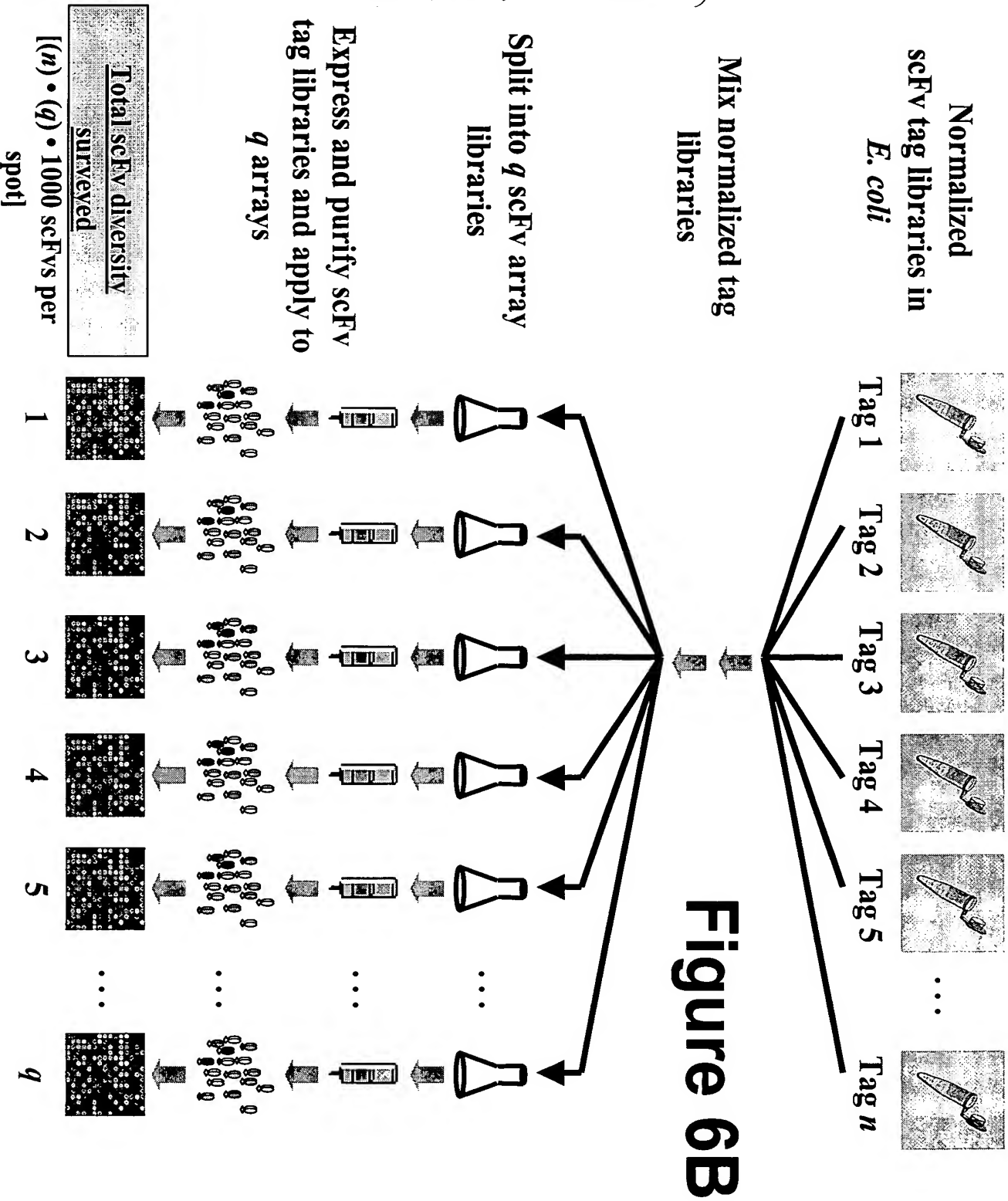


Figure 4

Figure 5







Screening for Test Compounds or Conditions that Modulate Interactions

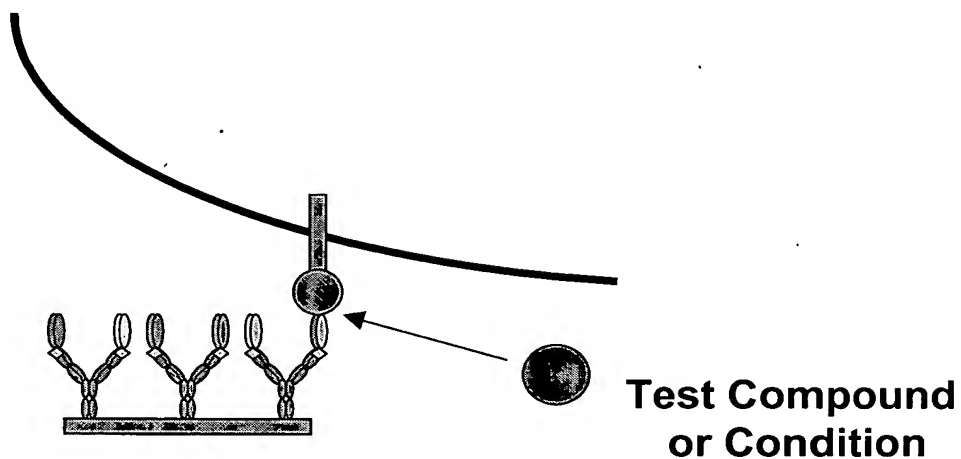


Figure 7A

Screening for Test Compounds or Conditions that Modulate the Effect of Interactions

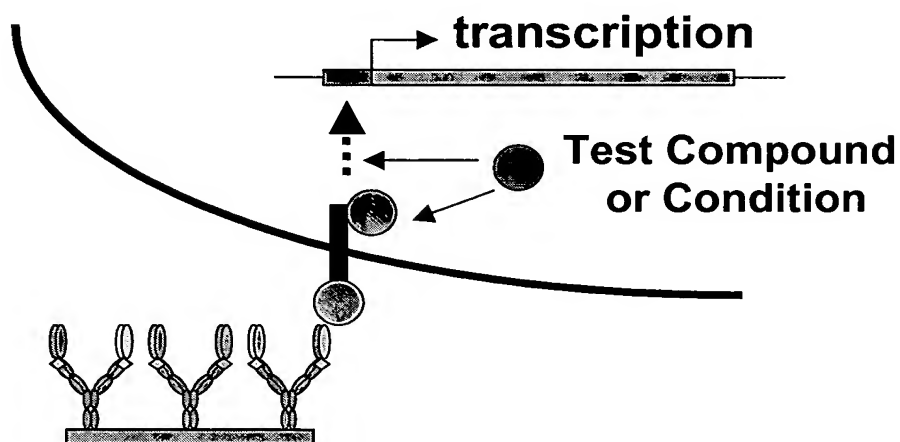


Figure 7B

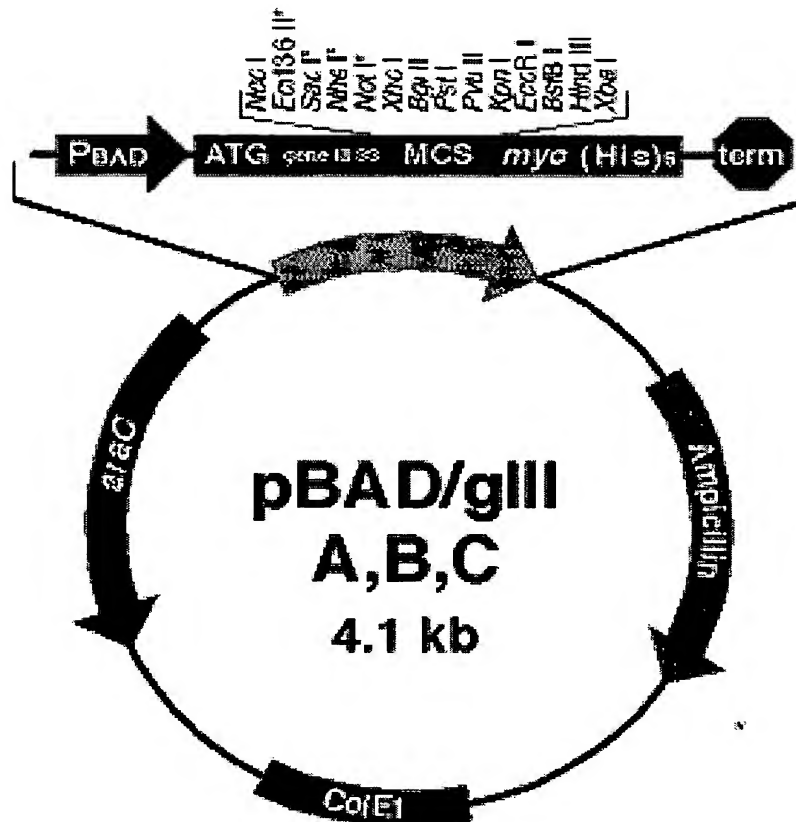
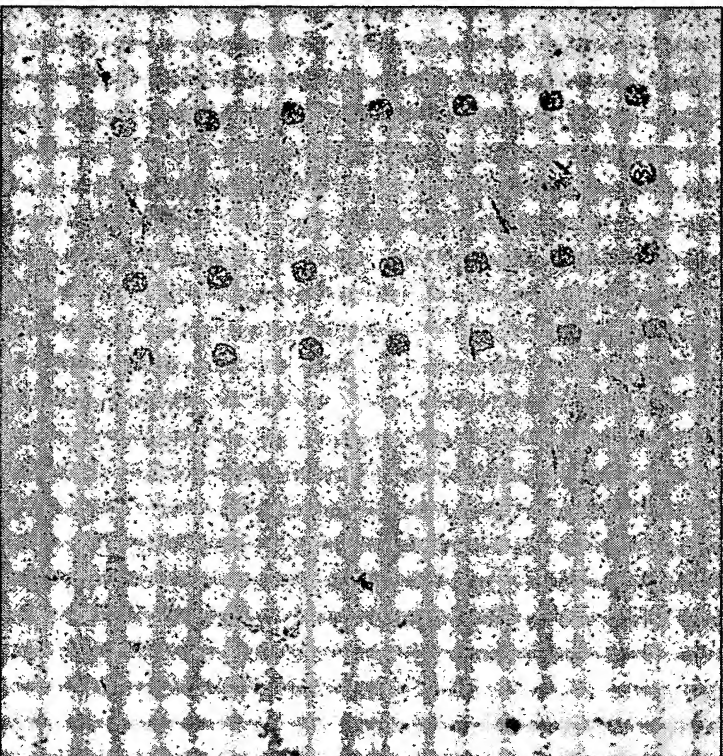


Figure 8

Figure 9

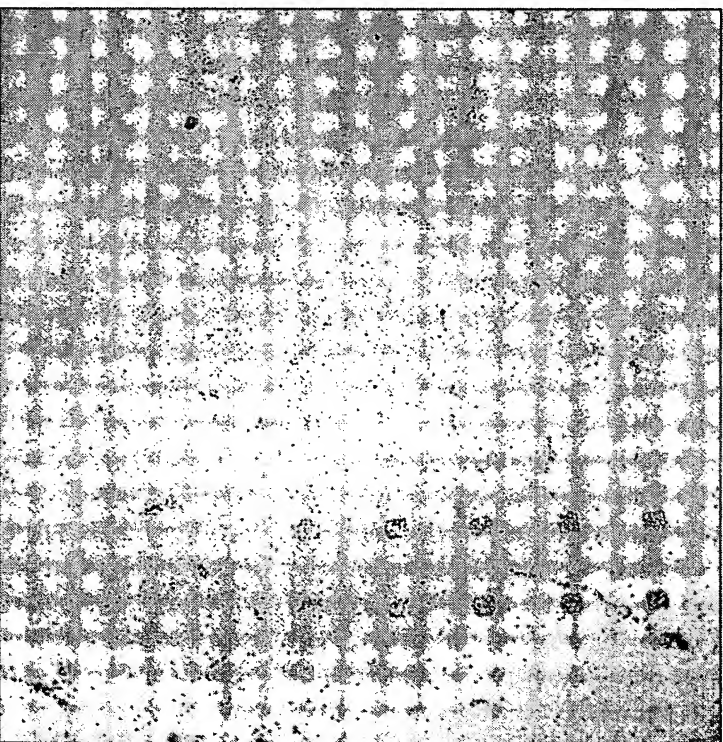
B Cells (38C13)

S1C5 S1C5 HFN Anti-TCR
(mAb) (scFv) (scFv) (mAb)



T Cells (C6VL)

S1C5 S1C5 HFN Anti-TCR
(mAb) (scFv) (scFv) (mAb)



38C13 38C13
Cell Extract Receptor

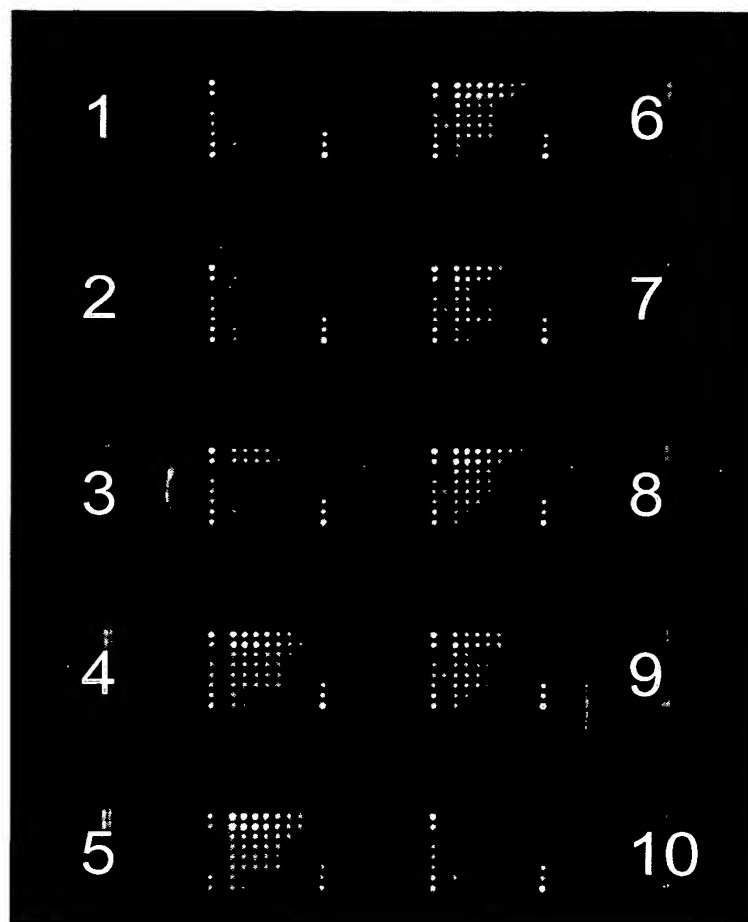


Figure 10

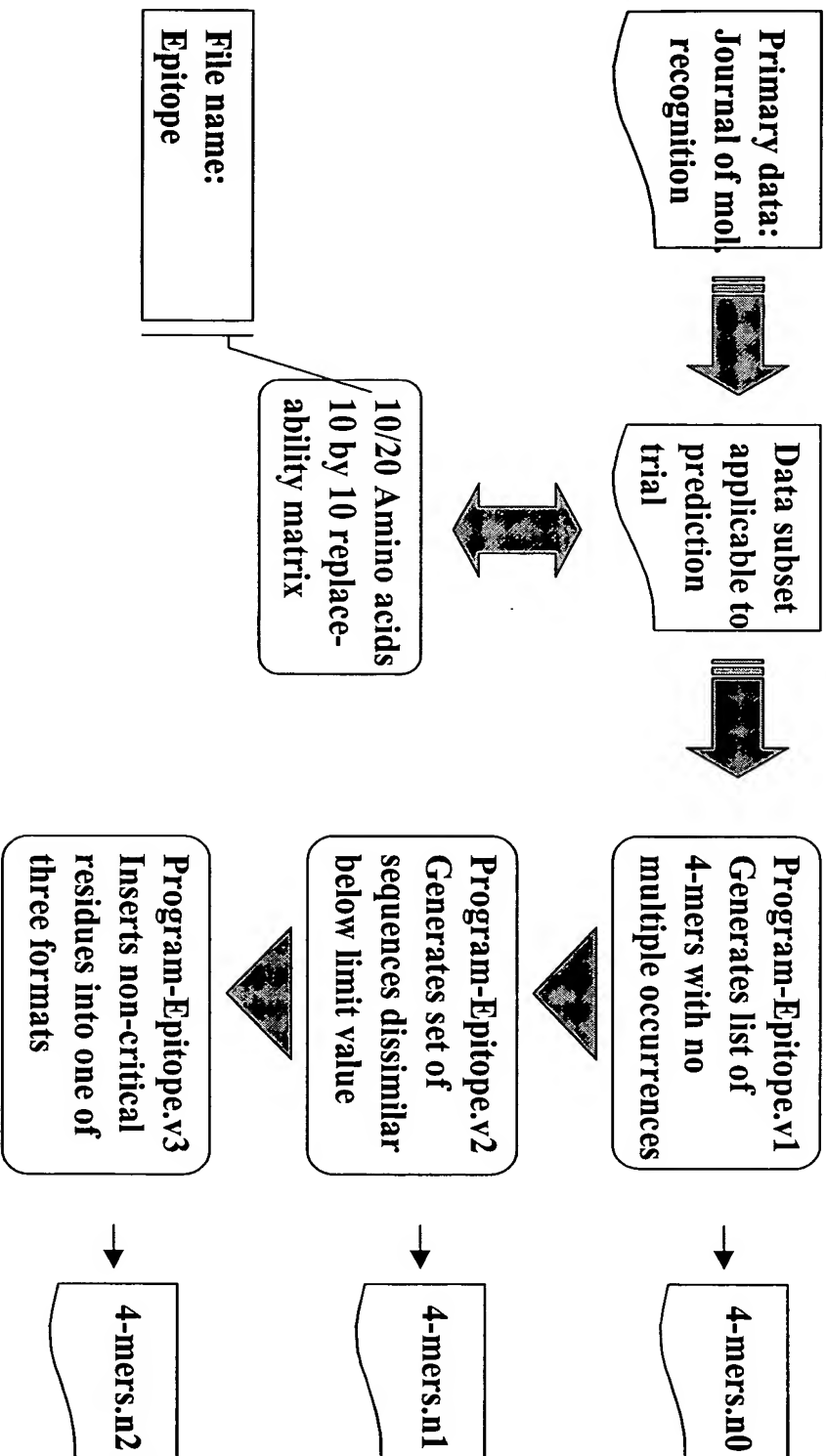


Figure 11